Peak District National Park

Forecast valid from 00:00 on Monday 30 May 2022 until 23:59 on Tuesday 31 May 2022

Forecast Issued on Sunday 29 May 2022 at 14:58

Confidence: High confidence overall but confidence in shower detail is lower throughout.

Headline for Monday 30 May 2022: Another day of bright spells and occasional showers.

Mountain weather hazards on Monday 30 May 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Light rain showers (night)	Light rain showers	Light rain showers	Light rain showers	Heavy rain showers	Heavy rain showers	Light rain showers
Precipitation probability							
20%	30%	30%	30%	40%	40%	40%	30%

Forecast for Monday 30 May 2022

Weather: Patchy low cloud over summits at first, lifting a little through the day with some sunshine. Isolated showers through the morning becoming more frequent and heavier into the afternoon, with hail and the odd rumble of thunder possible into the day. A cooler day with a moderate westerly breeze.

Chance of cloud-free hill tops above 600m: 80% to start, becoming 90% into the afternoon.

Low cloud and visibility: Some moderate to poor visibility over the highest ground at first with cloud base 500-600m but improving as bases generally lift and break. Poor visibility is possible in heavy showers throughout the day, otherwise generally good visibility outside of showers.

Forecast for Monday 30 May 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/14 SW	10/14 SW	13/18 SW	16/22 SW	14/20 W	12/17 W	10/16 W	6/9 SW	7/9 SW
300	8/11 SW	7/12 SW	9/14 SW	12/18 W	11/17 W	8/12 W	7/12 W	5/6 SW	5/7 SW
Valley	4/11 SW	4/11 SW	7/13 SW	9/17 W	9/17 W	6/12 SW	7/12 W	3/7 S	3/7 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/2	5/1	4/0	5/1	6/3	7/3	6/3	6/4	5/3
300	8/6	7/5	7/4	8/5	9/6	10/8	9/7	8/7	8/6
Valley	8/7	8/7	8/6	8/6	10/8	10/9	9/8	8/8	8/7
Freezing Level*	1300m	1300m	1200m	1200m	1300m	1400m	1400m	1400m	1300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling chilly at height, particularly in the morning, even with the generally lighter winds. Despite the cooler temperatures any sunshine into the late morning and afternoon will bring a risk of high UV.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sat 28 May 2022	0mm	5.2mm	5.6mm

Forecast for Tuesday 31 May 2022

Weather: Similar to Monday. A cloudy day with showers at times and a risk of hail or thunder. Still feeling rather cool.

Maximum wind: Some variable winds of 20-25 mph gusting as high as 30-35 mph are possible in association with heavy showers.

Chance of cloud-free hill tops above 600m: 80%.

Low cloud and visibility: Some moderate to poor visibility over the highest ground with cloud base 500-600m at times. Poor visibility is possible in heavy showers throughout the day, otherwise generally good visibility outside of showers.

Temperature: **Valleys:** 7 Celsius becoming 11 Celsius into the afternoon.
At 600m: 6-8 Celsius
Freezing level: Above summits